

CLAIMS

1. A method of continuously producing lignocellulose-containing board in which the material is disintegrated into particle and/or fibre form, glue-coated, dried and formed into a mat (1) which is pressed into board form (3) in a continuous steam-injection press (2), and in which the board is thereafter passed through an after-conditioning unit (4), **characterized** by drawing a determined volume of air of given moisture content and temperature through the board in the after-conditioning zone (4) by suction, and grinding the board (3) to a final thickness directly after having left the after-conditioning zone (4).
2. A method according to claim 1, **characterized** in that said air is first sucked through the board (3) in one direction and then in the opposite direction.
3. A method according to claim 1 or 2, **characterized** in that the surface layers of the board (3) are given the same density as that of the centre layer in the steam injection press.
4. An arrangement for applying the method according to any one of claims 1 - 3 and comprising a steam injection press (2) and an after-conditioning zone (4), **characterized** in that the after-conditioning zone (4) includes at least one after-conditioning unit (5) that has an air supply unit (8) for the passage of air through a by-passing board, and in that a grinding machine (7) is positioned downstream of the after-conditioning zone (4) and functioning to grind the board (3) to its final thickness.
5. An arrangement according to claim 4, **characterized** in that the after-conditioning zone (4) includes two after-conditioning units (5 and 6) which are each provided with an air supply unit for the passage of air through said board (3) from mutually opposite directions.

AMENDED CLAIMS

[received by the International Bureau on 30 June 2000 (30.06.00);
original claims 1-7 replaced by new claims 1-5 (1 page)]

1. A method of continuously producing lignocellulose-containing board in which the material is disintegrated into particle and/or fibre form, glue-coated, dried and formed into a mat (1) which is pressed into board form (3) in a continuous steam-injection press (2), and in which the board is thereafter passed through an after-conditioning unit (4), **characterized** by drawing a determined volume of air of given moisture content and temperature through the board in the after-conditioning zone (4) by suction, and grinding the board (3) to a final thickness directly after having left the after-conditioning zone (4).

2. A method according to claim 1, **characterized** in that said air is first sucked through the board (3) in one direction and then in the opposite direction.

3. A method according to claim 1 or 2, **characterized** in that the surface layers of the board (3) are given the same density as that of the centre layer in the steam injection press.

4. An arrangement for applying the method according to any one of claims 1 - 3 and comprising a steam injection press (2) and an after-conditioning zone (4), **characterized** in that the after-conditioning zone (4) includes at least one after-conditioning unit (5) that has an air supply unit (8) for the passage of air through a by-passing board, and in that a grinding machine (7) is positioned downstream of the after-conditioning zone (4) and functioning to grind the board (3) to its final thickness.

5. An arrangement according to claim 4, **characterized** in that the after-conditioning zone (4) includes two after-conditioning units (5 and 6) which are each provided with an air supply unit for the passage of air through said board (3) from mutually opposite directions.